

U.S.S.N. 09/730,691

**CLAIMS:**

Please amend the claims as follows:

- 1) (Currently Amended) An intelligent power system, comprising:
  - a. a power supply having a control circuit; and
  - b. a cable having a memory device; and
  - c. a device specific connector for mating to a host device;

wherein the memory device has stored therein predetermined power requirements.
- 2) (Canceled) ~~The system of claim 1, further comprising a device specific connector for mating to a host device.~~
- 3) (Currently Amended) The system of claim [[2]] 1, further comprising a universal connector.
- 4) (Original) The system of claim 3, further comprising a protection circuit.
- 5) (Original) The system of claim 4, wherein the predetermined power requirements are selected from the group consisting of a voltage limit and a current limit.
- 6) (Original) The system of claim 3, further comprising a power conversion circuit.
- 7) (Original) The system of claim 6, wherein the power conversion circuit is selected from the group consisting of fly back regulator, a step-down, or "buck", regulator, a step-up regulator, a buck-boost regulator, and a resonant regulator.
- 8) (Currently Amended) The device of claim [[8]] 7, wherein the memory device is an EPROM.